

Application No.: 10/567,893  
Amendment Dated: March 6, 2009  
Reply to Office Action of: December 11, 2008

MAT-8801US

**Amendments to the Drawings:**

The attached sheets of drawings include changes to Figs. 1, 7-8 and 15-18.  
These sheets replace the original sheets.

**Remarks/Arguments:**

The title has been found to be non-descriptive. The title has been amended.

The drawings have been objected to. In particular, the Official Action identified a problem with transmission line estimating part 6. The drawing and specification have been appropriately amended. Support for the amendment is found in the originally filed application at page 2, lines 7-8 and the second paragraph of the First Exemplary Embodiment. No new matter has been added.

Claims 1 and 3 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Zhidkov (U.S. 2005/0213692) in view of Henriksson (U.S. 2006/0116095) and further in view of Meyer (U.S. Patent No. 7,173,983).

Claims 4 and 6 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Zhidkov in view of Henriksson and further in view of Gore (U.S. 2005/0157801) and Bevan (U.S. Patent No. 6,064,066).

Claims 7 and 9 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Zhidkov in view of Henriksson and further in view of Yamaguchi (U.S. Patent No. 7,099,270).

Claims 10 and 12 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Zhidkov in view of Henriksson and further in view of Gore and Yamaguchi.

Claims 13-15 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Zhidkov in view of Henriksson and further in view of Gore, Bevan, Meyer, Yamaguchi and Hong (U.S. Patent No. 5,134,635).

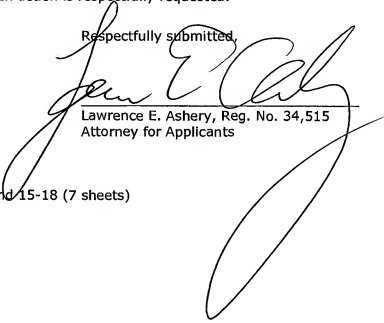
Claims 2, 5, 8, 11, and 16-19 were indicated as being allowable if rewritten in independent form. Accordingly, independent claims 1, 4, 7, and 10 have been amended to include claims 2, 5, 8 and 11, respectively. Claims 2, 5, 8 and 11 have been cancelled. Claims 16-19 have been amended to depend from amended independent claims 1, 4, 7 and 10, respectively.

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In view of the amendments set forth above, the above-identified application is in condition for allowance, which action is respectfully requested.

Respectfully submitted,



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Attachments: Figures 1, 7-8 and 15-18 (7 sheets)

Dated: March 6, 2009

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